

10 / 015, 055

WEST Search History

DATE: Tuesday, February 08, 2005

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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L12	l7 and l8	3
<input type="checkbox"/>	L11	pseudoephedrine	29
<input type="checkbox"/>	L10	antihistamine	11947
<input type="checkbox"/>	L9	decongestant	4617
<input type="checkbox"/>	L8	KPV	159
<input type="checkbox"/>	L7	sinusitis	3963
<i>DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L6	L5 and l4 and l3 and l2 and l1	164
<input type="checkbox"/>	L5	530/328	2799
<input type="checkbox"/>	L4	530/327	2341
<input type="checkbox"/>	L3	514/18	3271
<input type="checkbox"/>	L2	514/16	1738
<input type="checkbox"/>	L1	514/14	1790

END OF SEARCH HISTORY

144509

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ResponseHeader=Commercial Database Search Request

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MyDate=Tue Feb 8 09:04:07 EST 2005

submitto=Biotech01@uspto.gov

Name=Roy Teller

Empno=79445

Phone=571-272-0971

Artunit=1654

Office=Rem-3D18

Serialnum=10/015,055

PatClass=514/18

Earliest=12/10/01

Format1=paper

Searchtopic= Please do an interference search of SEQ ID NO: 1, 2, 3, and 4. Thank you.

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Type of Search

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AA Sequence :# _____

Structure: # _____

Bibliographic: _____

Litigation: _____

Patent Family: _____

Other: _____

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10/015 055

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FILE 'HOME' ENTERED AT 10:14:45 ON 08 FEB 2005

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=> s KPV
L1 97 KPV

=> s sinusitis
L2 19689 SINUSITIS

=> s decongestant
L3 3258 DECONGESTANT

=> s antihistamine
L4 29227 ANTIHISTAMINE

=> s antibiotic
L5 474639 ANTIBIOTIC

=> s glucocorticosteriod
L6 14 GLUCOCORTICOSTERIOD

=> s l1 and l2
L7 1 L1 AND L2

=> s l1 and l3
L8 1 L1 AND L3

=> s l1 and l4
L9 1 L1 AND L4

=> s l1 and l5
L10 6 L1 AND L5

=> d l10 1-6

L10 ANSWER 1 OF 6 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
AN 2004:383120 BIOSIS
DN PREV200400388121
TI Compounds for treating fungal pathologies of the oral cavity.
AU Lipton, James M. [Inventor, Reprint Author]; Catania, Anna P [Inventor]
CS Woodland Hills, CA, USA
ASSIGNEE: Zengen, Inc., Woodland Hills, CA, USA
PI US 6780838 August 24, 2004
SO Official Gazette of the United States Patent and Trademark Office Patents,
(Aug 24 2004) Vol. 1285, No. 4. <http://www.uspto.gov/web/menu/patdata.html>
. e-file.
ISSN: 0098-1133 (ISSN print).
DT Patent
LA English
ED Entered STN: 29 Sep 2004
Last Updated on STN: 29 Sep 2004

L10 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:950441 CAPLUS
 DN 140:1183
 TI Use of α -MSH and α -MSH-derived peptides for treatment of pruritus in animals
 IN Lipton, James M.; Catania, Anna P.
 PA USA
 SO U.S. Pat. Appl. Publ., 41 pp., Cont.-in-part of U.S. Ser. No. 23,287.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2003223949	A1	20031204	US 2002-322577	20021217
		US 2003129156	A1 20030710	US 2001-23287 20011217
PRAI US 2001-23287	A2	20011217		

L10 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:491065 CAPLUS
 DN 139:63360
 TI Use of α -MSH and α -MSH-derived peptides for treatment of pruritus in animals
 IN Lipton, James M.; Catania, Anna P.
 PA Zengen, Inc., USA
 SO PCT Int. Appl., 92 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003051390	A1	20030626	WO 2002-US40313	20021217
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003129156	A1	20030710	US 2001-23287	20011217
EP 1471932	A1	20041103	EP 2002-805183	20021217
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRAI US 2001-23287	A	20011217		
WO 2002-US40313	W	20021217		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:455013 CAPLUS
 DN 139:30811
 TI Compound and method for the treatment of sinusitis with α -MSH peptides having KPV motif at C-terminus
 IN Catania, Anna P.; Lipton, James M.
 PA Italy
 SO U.S. Pat. Appl. Publ., 37 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2003109453	A1	20030612	US 2001-15055	20011210
PRAI US 2001-15055		20011210		

L10 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:778521 CAPLUS
 DN 137:284375
 TI A peptide compound for treatment of fungal pathologies in oral cavity
 IN Lipton, James M.
 PA Zengen, Inc., USA
 SO U.S. Pat. Appl. Publ., 11 pp.
 CODEN: USXXCO
 DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2002146374	A1	20021010	US 2001-774282	20010129
US 6780838	B2	20040824		
CA 2436452	AA	20020822	CA 2002-2436452	20020122
WO 2002064046	A2	20020822	WO 2002-US3039	20020122
WO 2002064046	A3	20030515		
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI US 2001-774282 A 20010129
 WO 2002-US3039 W 20020122

RE.CNT 113 THERE ARE 113 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2000:688107 CAPLUS
 DN 133:261547
 TI α -melanocyte-stimulating hormone (α -MSH) and peptide derivatives for treatment of urogenital conditions
 IN Lipton, James; Catania, Anna
 PA Zengen Inc., USA
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000056353	A2	20000928	WO 2000-US7846	20000323
WO 2000056353	A3	20001228		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2367118	AA	20000928	CA 2000-2367118	20000323

EP 1165120	A2	20020102	EP 2000-916651	20000323
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002542158	T2	20021210	JP 2000-606257	20000323
EP 1433485	A2	20040630	EP 2003-29246	20000323
EP 1433485	A3	20040922		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
AU 776804	B2	20040923	AU 2000-37725	20000323
US 6800291	B1	20041005	US 2000-535066	20000323
US 2004006024	A1	20040108	US 2003-420578	20030421
US 2003176353	A1	20030918	US 2003-426647	20030429
PRAI US 1999-126233P	P	19990324		
EP 2000-916651	A3	20000323		
US 2000-535066	A3	20000323		
WO 2000-US7846	W	20000323		

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STRUCTURE FILE UPDATES: 6 FEB 2005 HIGHEST RN 826990-02-7
DICTIONARY FILE UPDATES: 6 FEB 2005 HIGHEST RN 826990-02-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> S KPV/SQEP

=> S HFRWGKPV/SQEP
L2 19 HFRWGKPV/SQEP

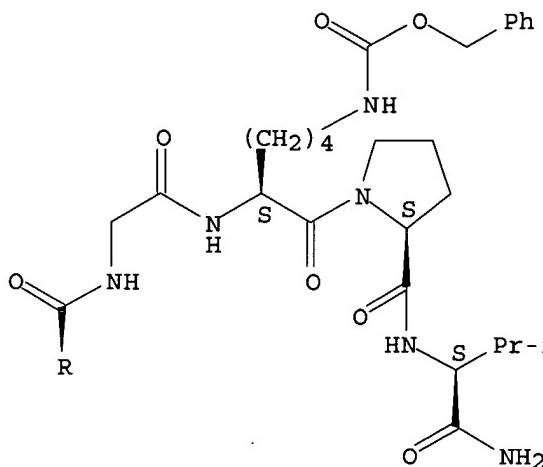
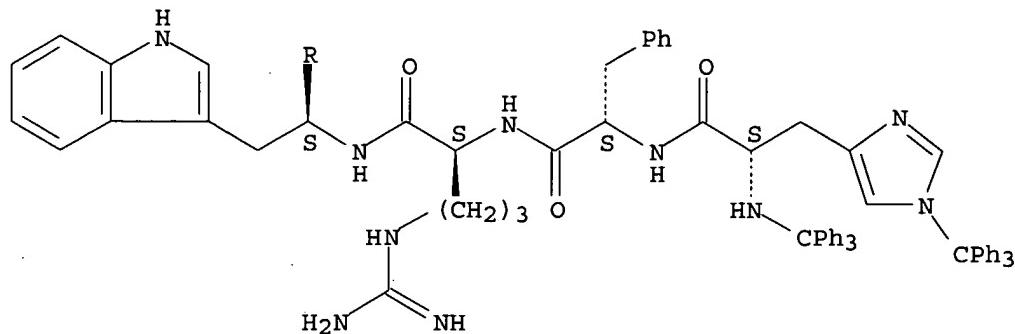
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L3 127 SYSMEHFRWGKPV/SQEP

=> d 12 1-19

L2 ANSWER 1 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
RN 806643-26-5 REGISTRY
CN L-Valinamide, N,1-bis(triphenylmethyl)-L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-N6-[(phenylmethoxy)carbonyl]-L-lysyl-L-prolyl- (9CI)
(CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C96 H106 N16 O10
CI COM
SR CA

****RELATED SEQUENCES AVAILABLE WITH SEQLINK****

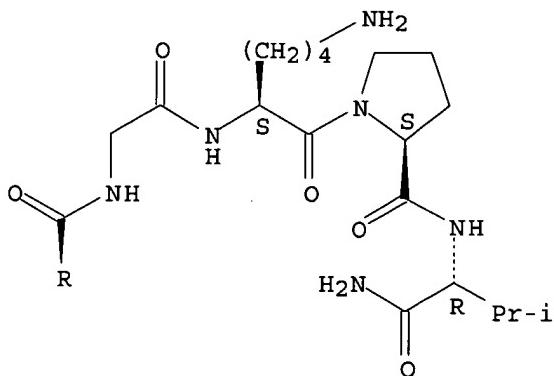
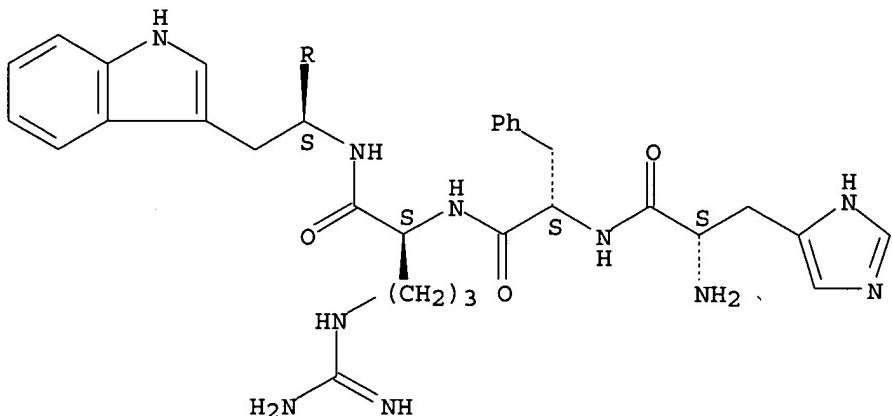
Absolute stereochemistry.



L2 ANSWER 2 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 502979-47-7 REGISTRY
 CN D-Valinamide, L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-L-lysyl-L-prolyl- (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C50 H72 N16 O8
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



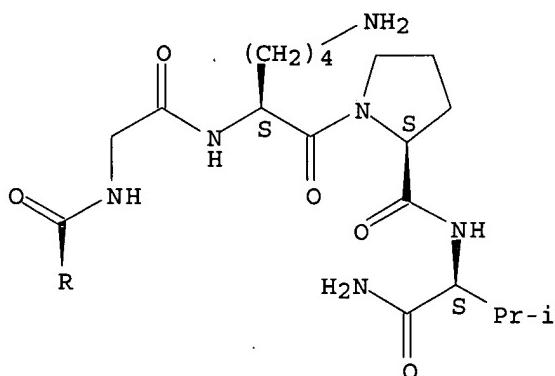
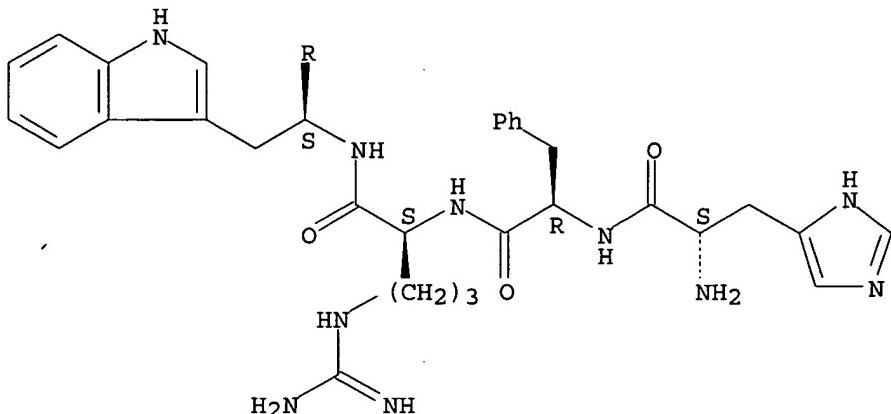
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 502979-37-5 REGISTRY
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 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C50 H72 N16 O8
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT
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 RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)

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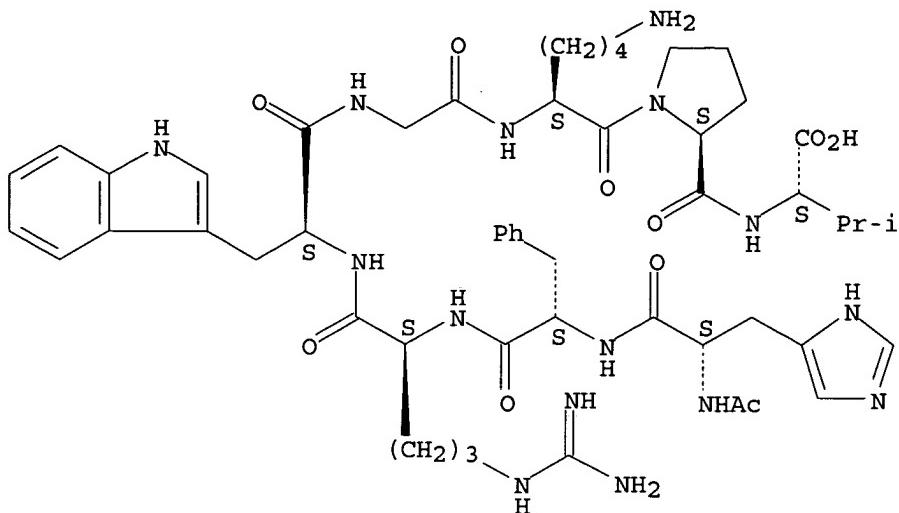
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 296233-30-2 REGISTRY
 CN L-Valine, N-acetyl-L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-L-lysyl-L-prolyl- (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C52 H73 N15 O10
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN

RN 296231-52-2 REGISTRY

CN L-Valine, L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-L-lysyl-L-prolyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 12: PN: WO03051390 PAGE: 57 claimed protein

CN 1: PN: WO03020223 SEQID: 3 unclaimed sequence

CN 3: PN: US20030109453 SEQID: 3 claimed protein

CN 3: PN: US20030223949 SEQID: 3 claimed protein

CN 3: PN: WO02080858 SEQID: 3 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C50 H71 N15 O9

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

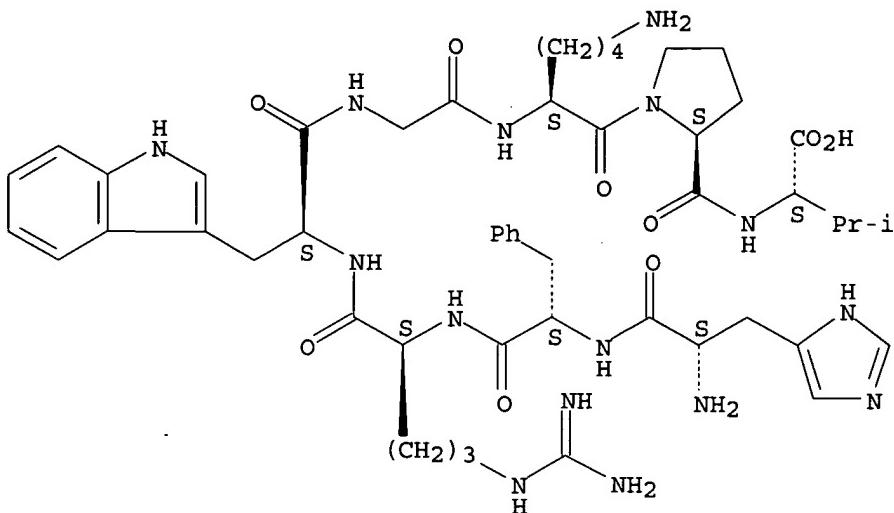
DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PROC (Process); PRP (Properties); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PRP (Properties); USES (Uses)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



10 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN

RN 149969-03-9 REGISTRY

CN L-Valinamide, N-acetyl-L-histidyl-D-phenylalanyl-L-arginyl-L-tryptophylglycyl-L-lysyl-L-prolyl- (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

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SR CA

LC STN Files: CA, CAPLUS

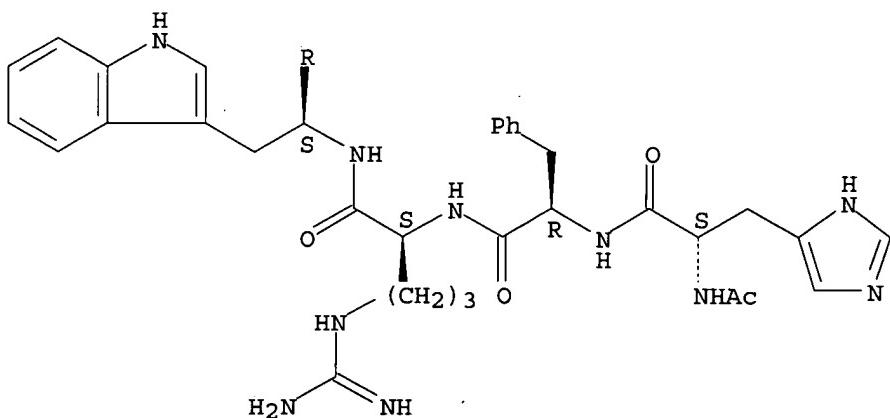
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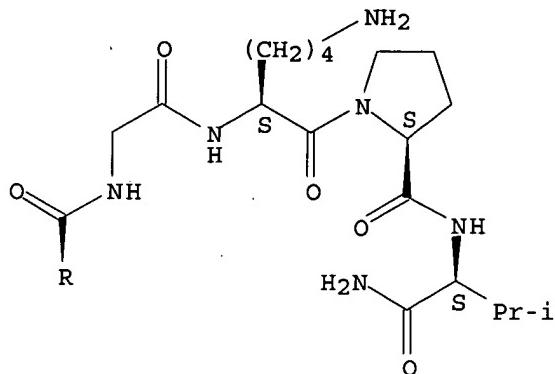
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Absolute stereochemistry.

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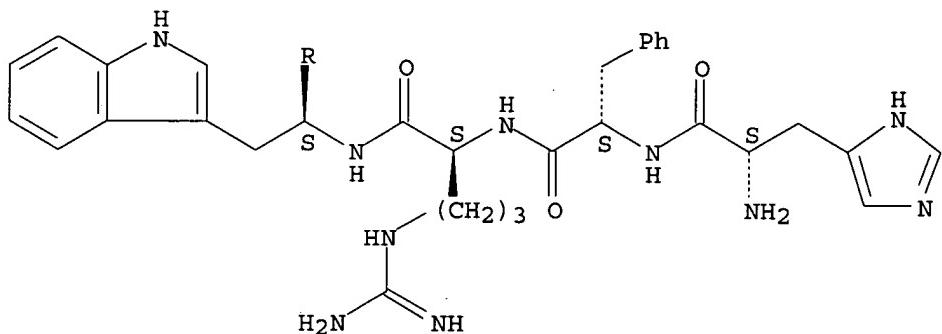


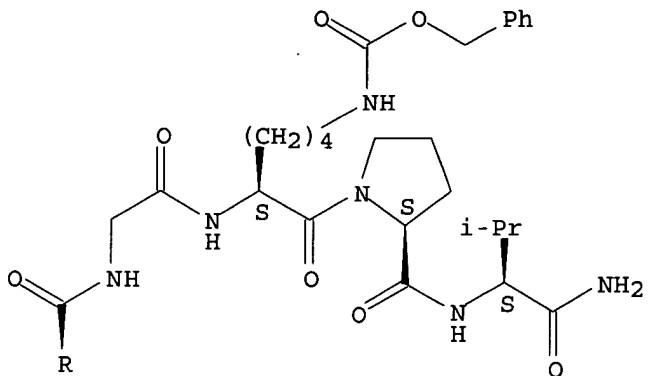
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3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
RN 122701-31-9 REGISTRY
CN Valinamide, L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-N_e-carboxy-L-lysyl-L-prolyl-, benzyl ester, L- (6CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C58 H78 N16 O10
CI COM
SR CAOLD
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: NORL (No role in record)

****RELATED SEQUENCES AVAILABLE WITH SEQLINK****

Absolute stereochemistry.



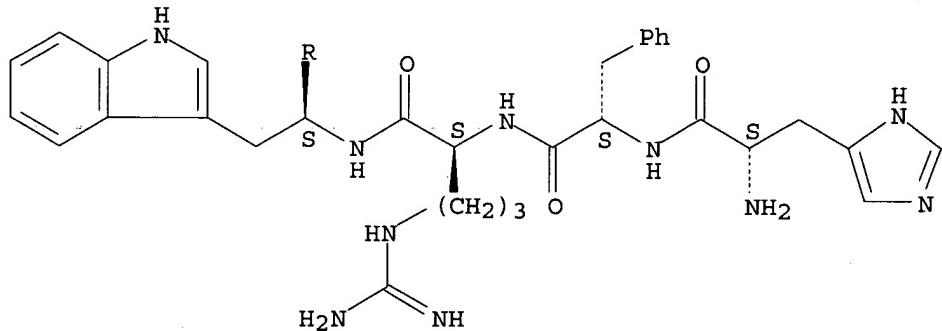


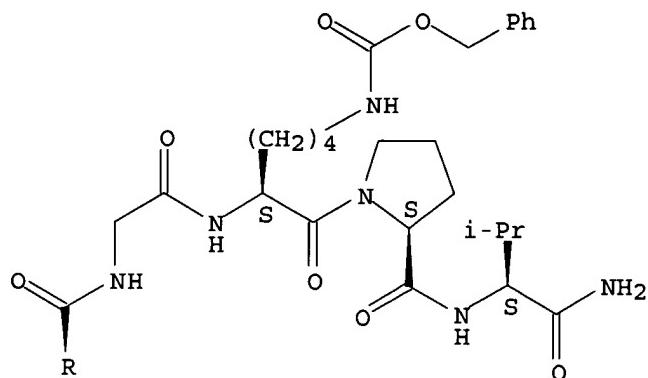
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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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 RN 122701-30-8 REGISTRY
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 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C58 H78 N16 O10 . Cl H
 SR CAOLD
 LC STN Files: BEILSTEIN*, CAOLD
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 CRN (122701-31-9)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.





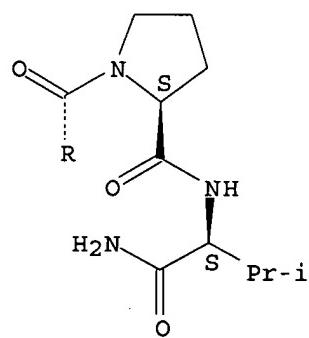
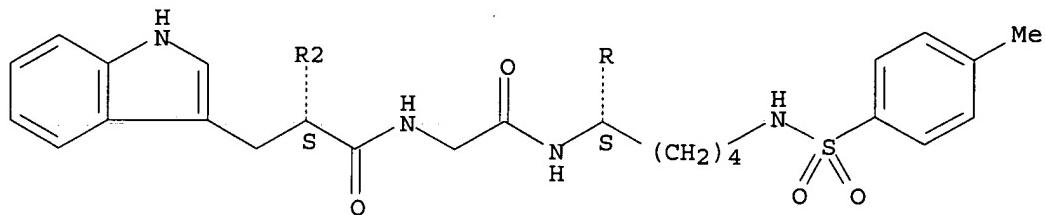
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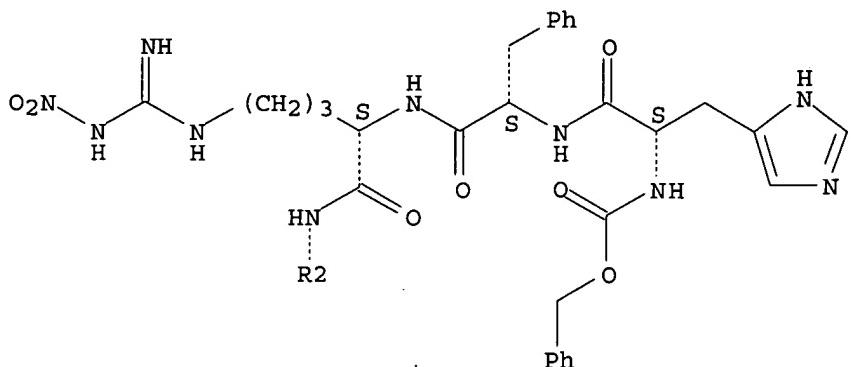
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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 MF C65 H83 N17 O14 S
 SR CAOLD
 LC STN Files: CAOLD

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



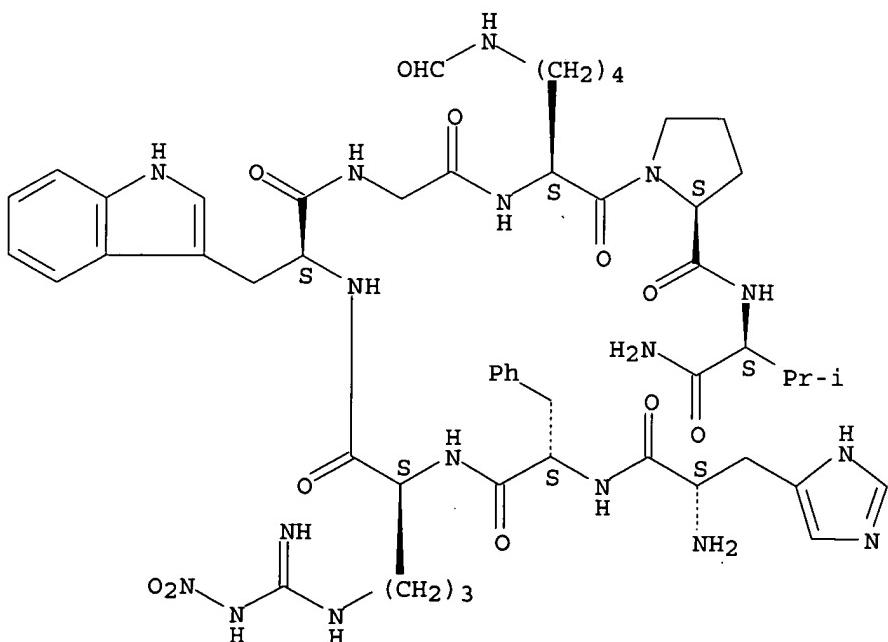


1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 10 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 120793-37-5 REGISTRY
 CN Valinamide, L-histidyl-L-phenylalanylnitro-L-arginyl-L-tryptophylglycyl-Nε-formyl-L-lysyl-L-prolyl-, L- (6CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C51 H71 N17 O11
 SR CAOLD
 LC STN Files: CA, CAOLD, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: NORL (No role in record)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 11 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 120793-29-5 REGISTRY
 CN Valinamide, L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-Nε-p-tolylsulfonyl-L-lysyl-L-prolyl-, diacetate, L- (6CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C57 H78 N16 O10 S . 2 C2 H4 O2
 SR CAOLD
 LC STN Files: CA, CAOLD, CAPLUS
 DT.CA CAPplus document type: Journal
 RL.NP Roles from non-patents: NORL (No role in record)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

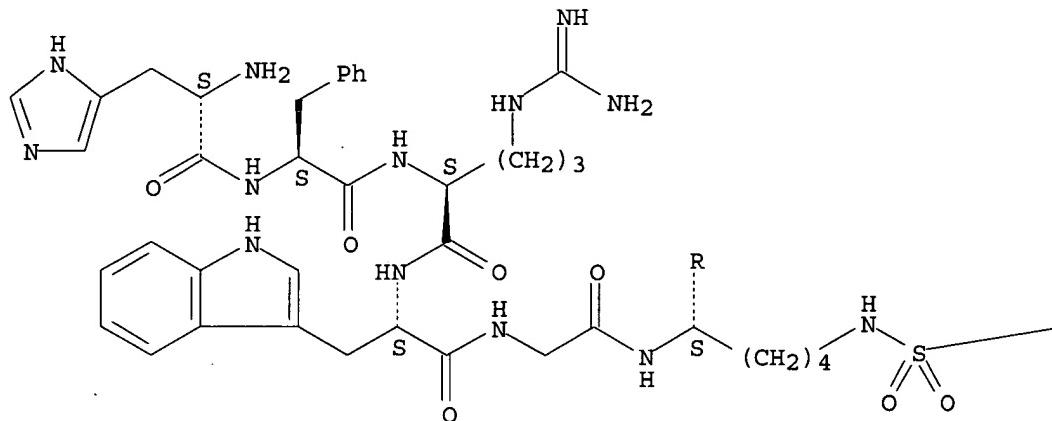
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CRN 120793-28-4
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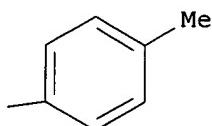
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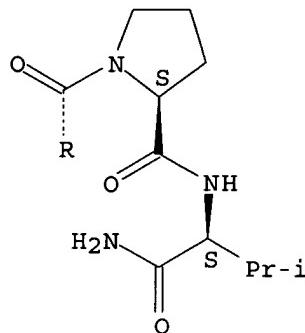
Absolute stereochemistry.

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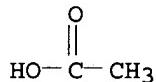


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CM 2

CRN 64-19-7
CMF C2 H4 O2

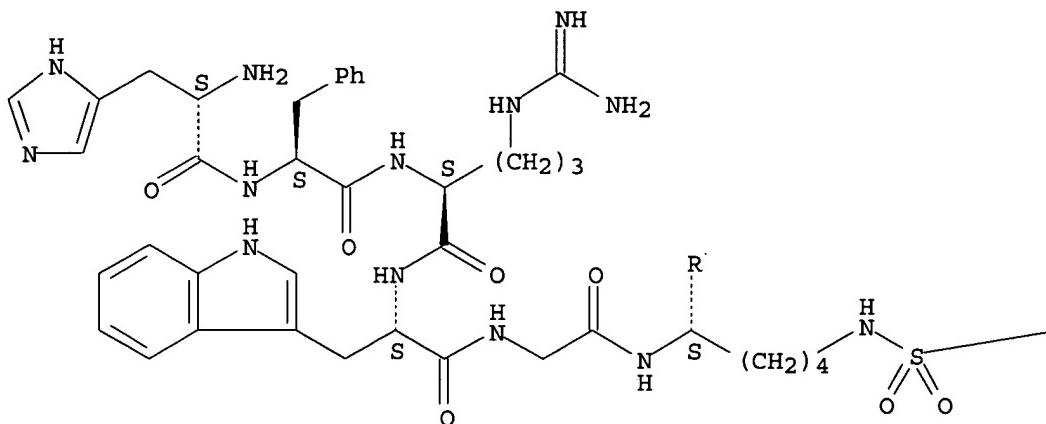
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 12 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 120793-28-4 REGISTRY
 CN L-Valinamide, L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-N6-[(4-methylphenyl)sulfonyl]-L-lysyl-L-prolyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Valinamide, L-histidylphenyl-L-alanyl-L-arginyl-L-tryptophylglycyl-Nε-p-tolylsulfonyl-L-lysyl-L-prolyl-, L- (6CI)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C57 H78 N16 O10 S
 CI COM
 SR CAOLD
 LC STN Files: CA, CAOLD, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: NORL (No role in record)

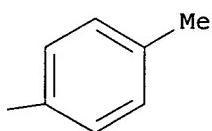
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

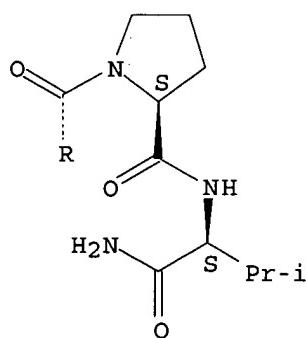
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PAGE 1-B



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2 REFERENCES IN FILE CA (1907 TO DATE)
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3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

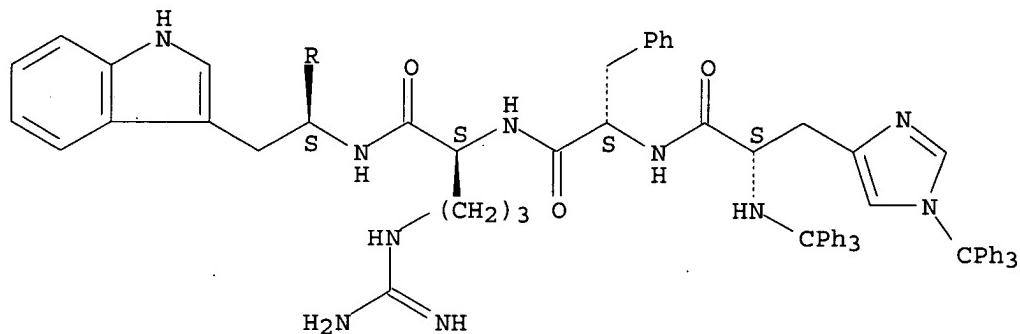
L2 ANSWER 13 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
RN 119112-90-2 REGISTRY
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FS PROTEIN SEQUENCE; STEREOSEARCH

MF C96 H106 N16 O10 . Cl H
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 LC STN Files: BEILSTEIN*, CAOLD
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 CRN (806643-26-5)

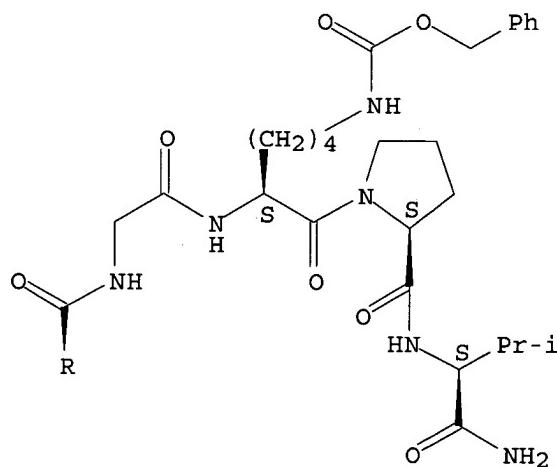
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

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PAGE 2-A



● HCl

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

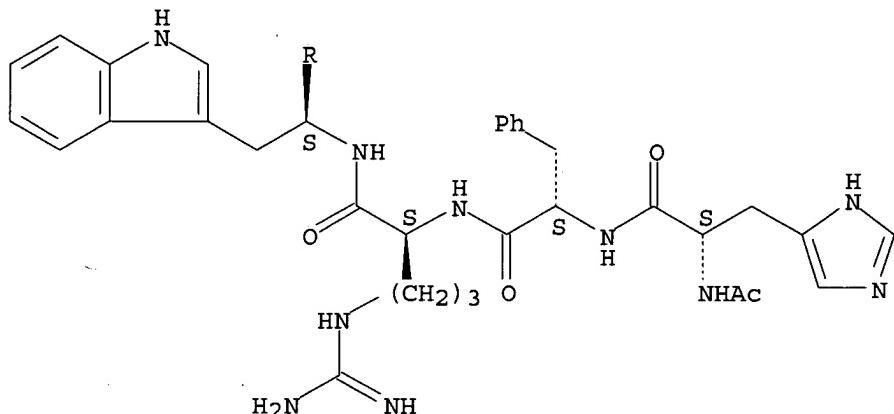
L2 ANSWER 14 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 102967-74-8 REGISTRY
 CN L-Valinamide, N-acetyl-L-histidyl-L-phenylalanyl-L-arginyl-L-
 tryptophylglycyl-L-lysyl-L-prolyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 54: PN: US20030109453 SEQID: 53 claimed protein
 CN Ac-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-NH2
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C52 H74 N16 O9
 SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
 DT.CA CAplus document type: Conference; Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)
 RL.NP Roles from non-patents: BIOL (Biological study)

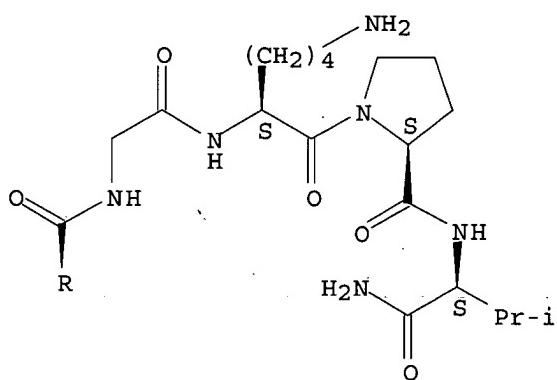
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



PAGE 2-A



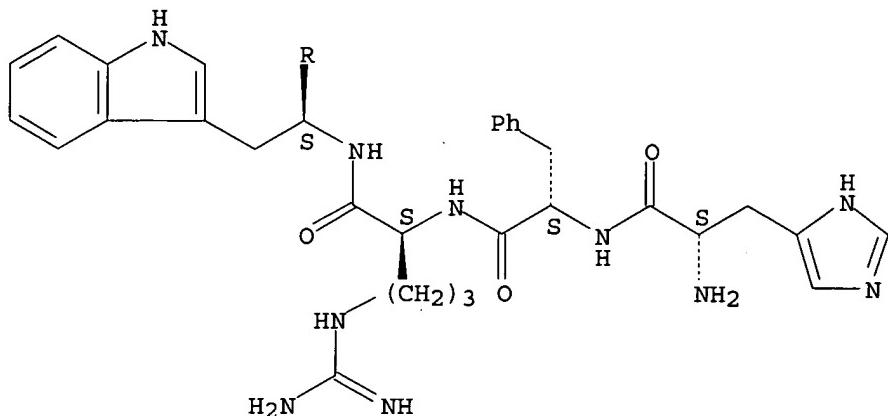
5 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 15 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 87375-88-0 REGISTRY
 CN L-Valinamide, L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-L-lysyl-L-prolyl- (6CI, 9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C50 H72 N16 O8
 LC STN Files: CA, CAOLD, CAPLUS, TOXCENTER, USPATFULL
 DT.CA CAplus document type: Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)
 RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation); NORL (No role in record)

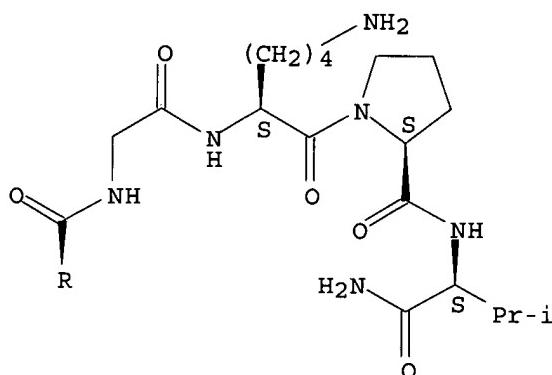
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

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6 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 16 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
RN 47917-70-4 REGISTRY

CN L-Valinamide, D-histidyl-D-phenylalanyl-D-arginyl-D-tryptophylglycyl-N6-formyl-L-lysyl-L-prolyl- (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C51 H72 N16 O9

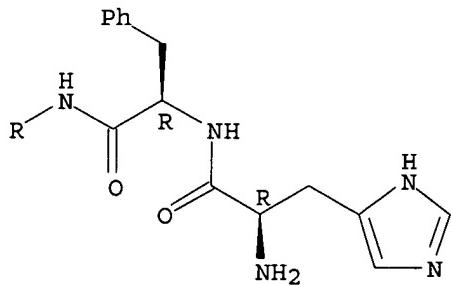
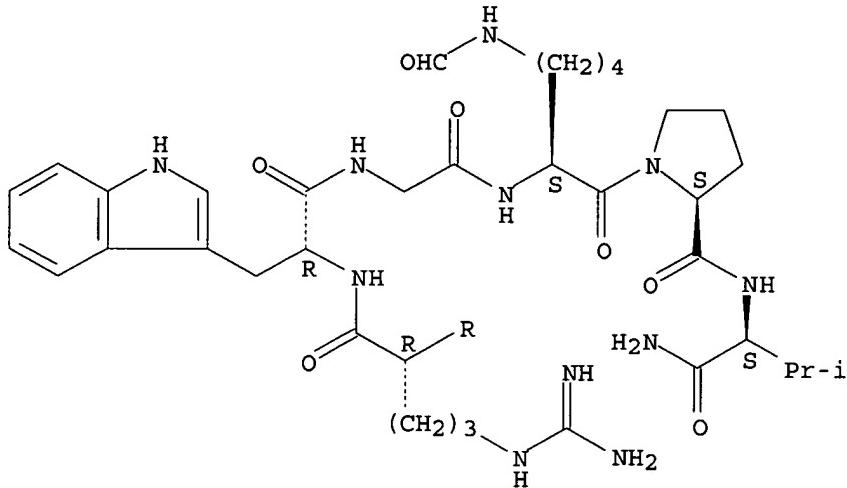
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LC STN Files: BEILSTEIN*

(*File contains numerically searchable property data)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

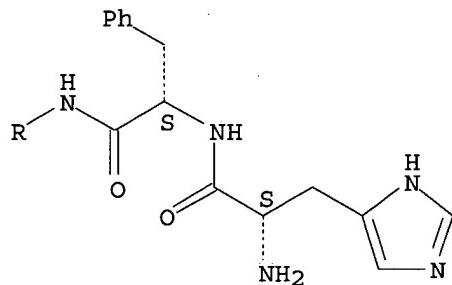
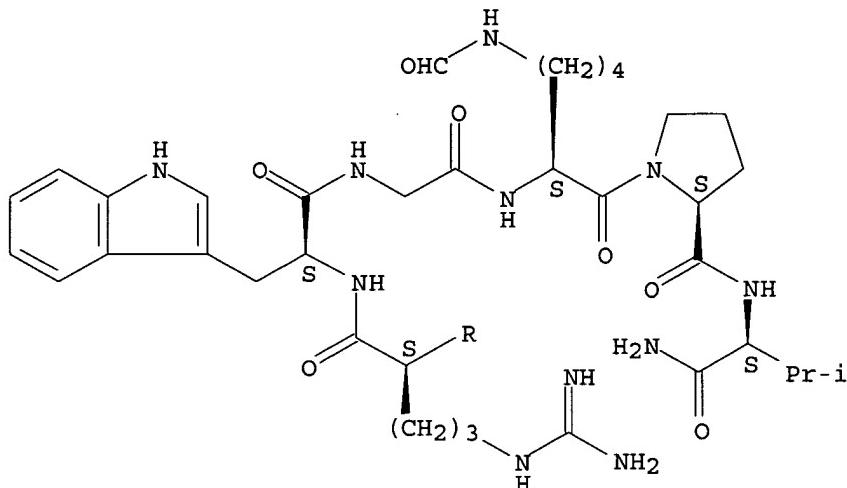
Absolute stereochemistry.



L2 ANSWER 17 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 35798-81-3 REGISTRY
 CN L-Valinamide, L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-N6-formyl-L-lysyl-L-prolyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Valinamide, L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-Nε-formyl-L-lysyl-L-prolyl-, L- (6CI, 7CI)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C51 H72 N16 O9
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
 (*File contains numerically searchable property data)
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: PRP (Properties); NORL (No role in record)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 18 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 21225-79-6 REGISTRY
 CN Valinamide, D-histidyl-D-phenylalanyl-D-arginyl-D-tryptophylglycyl-Nε-formyl-L-lysyl-L-prolyl-, diacetate (8CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C51 H72 N16 O9 . 2 C2 H4 O2
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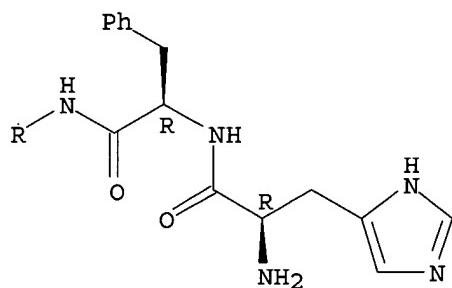
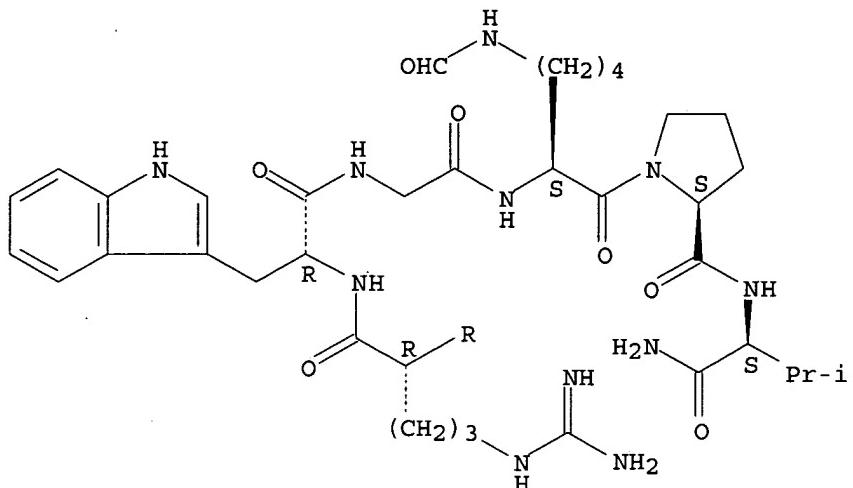
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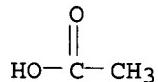
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



CM 2

CRN 64-19-7
CMF C2 H4 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 19 OF 19 REGISTRY COPYRIGHT 2005 ACS on STN
RN 19405-54-0 REGISTRY
CN Valinamide, L-histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-
Ne-formyl-L-lysyl-L-prolyl-, diacetate, L- (6CI, 8CI) (CA INDEX
NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C51 H72 N16 O9 . 2 C2 H4 O2
LC STN Files: CA, CAOLD, CAPLUS
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

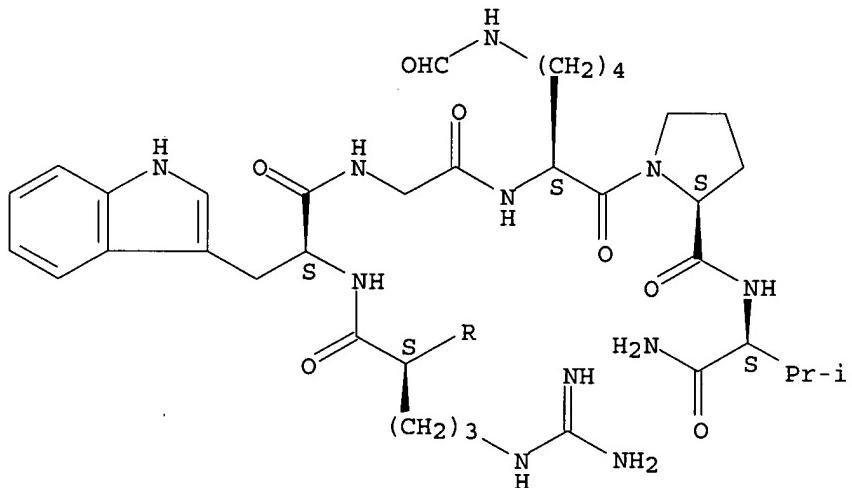
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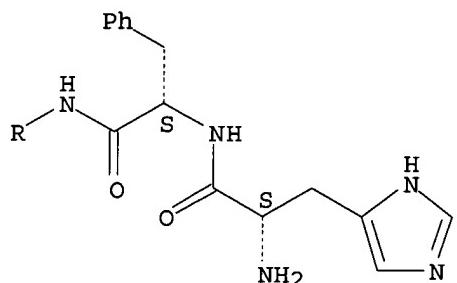
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A

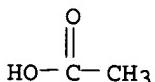


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CM 2

CRN 64-19-7
CMF C2 H4 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)